

Title (en)
METHOD FOR OPERATING A CONTINUOUSLY VARIABLE TRANSMISSION

Title (de)
VERFAHREN ZUR BETÄTIGUNG EINES STUFENLOSEN GETRIEBES

Title (fr)
PROCEDE DE COMMANDE D'UNE TRANSMISSION A VARIATION CONTINUE

Publication
EP 1913291 B1 20101117 (EN)

Application
EP 05769179 A 20050727

Priority
NL 2005000549 W 20050727

Abstract (en)
[origin: WO2007013792A1] Method for operating an electro-hydraulic control device of a continuously variable transmission (1) comprising a hydraulic pump (10) for supplying a flow of fluid, an adjustable line pressure valve (13), an adjustable primary pressure valve (16) an adjustable secondary pressure valve (18) and valve control means (30) for determining desired levels (spline, sPpri, sPsec) for all of the line pressure (Pline), the primary pressure (Ppri) and the secondary pressure (Psec) and for adjusting the respective valves (13, 16, 18) to realise that the respectively associated fluid pressure (Pline, Ppri, Psec) coincides with the desired level (spline, sPpri, sPsec) that is respectively associated therewith. Hereby, at least one of the primary pressure valve (16) and the secondary pressure valve (18) can be adjusted into a condition providing an at least virtually unrestricted opening, whereby the line pressure valve (13) is adjusted in accordance with the desired pressure (sPpri; sPsec) that is respectively associated with such fully opened valve (16;18).

IPC 8 full level
F16H 61/662 (2006.01); **F16H 61/00** (2006.01)

CPC (source: EP KR)
F16H 61/00 (2013.01 - KR); **F16H 61/0021** (2013.01 - EP); **F16H 61/662** (2013.01 - KR); **F16H 61/66259** (2013.01 - EP);
F16H 61/66272 (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007013792 A1 20070201; AT E488722 T1 20101215; CN 101273223 A 20080924; CN 101273223 B 20120704;
DE 602005024874 D1 20101230; EP 1913291 A1 20080423; EP 1913291 B1 20101117; KR 101216843 B1 20130109;
KR 20080033467 A 20080416

DOCDB simple family (application)
NL 2005000549 W 20050727; AT 05769179 T 20050727; CN 200580051683 A 20050727; DE 602005024874 T 20050727;
EP 05769179 A 20050727; KR 20087004740 A 20050727